esten Thread - No Further Use for a Mine of Platinum-Electric Lights theaper than Oil-How the Electric Current is Subdivided and Regulated.

From the Heinle. Edison's electric light is produced from a ittle piece of paper-a tiny strip that a breath would blow away. Through this little strip of paper is passed an electric current, and the realt is a bright, beautiful light, like the mellow sunset of an Italian autumn, Edison makes he little piece of paper more infusible than platinum, more durable than granite. And this avolves no complicated process. The paper is merely baked in an oven until all its elements are passed away except its earbon framework, The latter is then placed in a glass globe connected with the wires leading to the electricity the globe. Then the apparatus is ready to give out a light that produces no deleterious gases, nosmoke, no offensive odors-a light without fame, without danger, requiring no matches to gaite, giving out but little heat, vitiating no air and free from all flickering; a light that is little globe of sunshine, a veritable Aladdin's lamp. And this light, the inventor claims, can be produced cheaper than that from the cheap-

Sitting one night in his laboratory rafecting on some of the unfinished details, Edison began abstractedly rolling between his fingers a piece of compressed lampblack mixed with tar for use in his telephone. For several minutes his thoughts continued far away, his fingers in the mean time mechanically rolling out the little piece of tarred lampblack until it had become a siender fliament. Happening to giance at it the idea occurred to him that it candescent. A few minutes later the experi-ment was tried, and, to the inventor's gratification, satisfactory, although not surprising, results were obtained. Further experiments were made, with altered forms and composition of the substance, each experiment demonstrating at last the inventor was upon the right

A spool of exton thread lay on the table in the laboratory. The inventor cut off a small piece, put it in a groove between two clumps of iron, and piaced the latter in the furnace. The antisfactory light obtained from the farried lamphack had convinced him that filaments of carbon of a texture, not previously used in electric lighting were the hidden agents to make a therough success of incandescent lighting, and it was with this view that he sought to test the carbon remains of a cotton thread. At the expiration of an hour he removed the iron mond containing the thread from the furnace and took out the delicate carbon framework of the thread—all that was left of it after its flery ordeal. This siender flowent he placed in a gobe and connected it with the wires leading to the machine generating the electric current. Then he extracted the air from the globe and turned on the electricity.

Presto a beautiful light greeted his eyes. He turns on more current expecting the fragile fament instantive to fuse; but no, the only A COTTON THREAD.

Francia a beautiful light greeted his eyes. He turns on more current expecting the fragile flament instantly to fuse; but no, the only change is a more brilliant light. He turns on more current, and still more, but the deficate bread remains entire. Then, with characteristic impetuosity and wondering and marvelling at the strength of the little flament, he turns on the full power of his machine and eagerly watches the consequence. For a minute or more the tender thread seems to struggle with the intense heat passing through it—heat that would ment the diamond uself—then at last it succumbs and all is darkness. The powerful current had broken it in twain, but not before it had emitted a light of several gas gist. Emerly the inventor hastened to examine under the microscope this currous filament, apparently so delicate, but in reality much more infusible than pathum, so long considered one of the most niusible of metals. The microscope showed the surface of the filament to be highly polished and its parts interweven with each other.

THE PAPER LIGHT. THE PAPER LIGHT.

THE PAPER LIGHT.

It was also noticed that the filament had obtained a remarkable degree of hardness compared with its tragite character betgre it was subjected to the action of the current. Night and day, with scarcely rest enough to cat a hearty meal or catch a brief repose, the inventor kept up his experiments, and from carbonizing pieces of thread he went to splinlers of wood, straw, paper, and many other substances never before used for that purpose. The results of his experiments showed that the substance best adapted for carbonization and the giving out of incandescent light was paper preferably thick like carbonization and the giving could results even when verythin. The beautiful character of the illumination and the steadiness, reliability, and non-fusibility of the carbon filament were not the only elements incident to the new discovery that brought joy to the heart of Edison. There was a further element—not the less necessary because of its being hidden—the element of a proper and uniform resistance to the passage of the electric current.

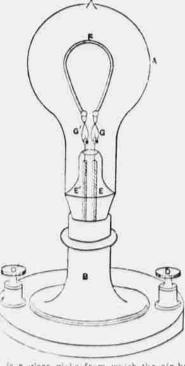
The layenter's efforts to obtain this element.

The inventor's efforts to obtain this element has been by ar the most interious of any in the history of his work from the time he under-took the task, and without it absolute success to electric incandescent illumination could not be predicated, even though all the other noces-sary properties were present in the fullest de-gre.

Passing over the scores of experiments made since the discovery that the carbon framework of a little piece of paper or thread was the best substance possible for incandescent lighting, we come to consider the way in which the same is prepared at the present time in the labor-

MAKING THE PAPER CARBON.

With a suitable punch there is cut from a piece of "Br stol" eardboard a strip of the same in the form of a minimura-hore-shoe, about two inches in length and one-eighth of an inch in width. A number of these strips are laid flawise in a wrought from mould about the size of the hand and severated from each other by tissue paper. The mount is then covered and placed in an oven, where it is gradually raised to a temperature of about six hundred degrees Fabrenheit. This allows the volatile portions of the paper to pass away. The mould is then placed in a furnace and heated amost to a writte heat, and then removed and allowed to cool gradually. On opening the mould the charred remains of the little horsestoe card-board are found. It must be taken out with the greatest care, else it will fall to pieces. After being removed from the mould it is placed in a little globe and attached to the wires leading to the generating machine. The globe is then connected with an air pump, and the latter is at once set to work extracting the air. After the air has been extracted the glore is scaled, and the lamp is ready for use. The following figure shows the immy remayed in him to the sentend and the lamp is ready for use. The following figure shows the immy termine the six has been extracted the glore is scaled.



at the ware E to the series pass D then as a restorating much no. It was the noticed from to the compade himp in the figure, it has no contract regulating apparatus, as there are requiring apparatus, as there are requiring apparatus, as the real time inventors was to the work leading regulated to the has lately realized from the rest that stands in front of Joseph D. Boxes house District for the passage of t

EDISON'S ELECTRIC LIGHT.

THE GREAT INFENIOR MAKES A NEW AND REMARK ALLE DISCOFERT.

The World to be Revolutionized by a Charred to find a sacrify the same pumples of the same pumples of the same pumples of the same pumple. The same pumple of the same pumple of the same pumple of the same pumple. The same pumple of the same pumple of the same pumple of the same pumple. The same pumple of the same pumple of the same pumple of the same pumple. The same pumple of the same pumple of the same pumple of the same pumple. The same pumple of the same pumple of the same pumple of the same pumple. The same pumple of the same pumple of the same pumple of the same pumple of the same pumple. The same pumple of the same pumple. The same pumple of the same pum

EASY METAMORPHOSIS.

The lamp shown in the figure is a table lamp. For chandeliers, it would consist of only the vacuum globe and the carbon flament attached to the chandelier and connected to the wires leading to the generating machine in a central station, perhaps a haif mile away, the wires being run through the gas pipes, so that in reality the only change necessary to turn a gas jet into an electric lamp is to run the wires through the gas pipe, take off the jet, and screw the electric lamp in the latter's place. Although the plans have been fully consummated for general illumination, the outline of the probable system to be adopted is the locating of a central station in large clies in such a manner that each station will supply an area of about one-third of a mile. In each station there will be, it is contemplated, one or two engines of immense power, which will drive several generating machines each generating machines each generating machines each generating machines are power which will drive several generating machines. EASY METAMORPHOSIS.

## producing machine, and the air exhausted from Electrician Sawyer's Challenge to Electrician

Edison. If a party possesses an interest in something that he considers valuable, he is not very likely to part with it, especially if it be something in the line of electric lightning, where what may nominally be \$1 may really be \$1,000. Therefore when Mr. Edison sells out all his in-terest in his electric light there is a reasonable chance for a suspicion that he considers his invention worth very little.

Mr. Edison's reputation before the public is

founded upon the newspaper publications about: 1. The quadruplex telegraph; 2. The telephone; and 3. The phonograph.
Asto the quadruplex telegraph, I may say that it was an adaptation of the French and German

systems. When Edison took hold of the 4-plex there were already known five systems of 2-plex, three of 4-plex, and three of 6-plex and The 4-plex of Edison was a failure. A modest

young gentleman Assistant Electrician of the Western Union Telegraph Company, whom I have not seen for several years (Mr. Gerritt Smith), made it a success, and some day he will get the credit for this invention, for he, and not Edison, is the genius in this case. As to the telephone, Mr. Edison is not the

inventor. Andrew Graham Bell is the inventor

of the telephone. As to the phonograph, which really made Mr. Edison's reputation, it is of no earthly value, and the manufacture by Bergman has practically been dropped. The real inventor of the phonograph will never be known, in all probability, for I understand that Mr. Edison anticipates a Western man but three days in pri-

ority of invention. Now, all that remains for Mr. Edison is electric light. He is going over the same ground that Bouliguine, Lodygreine, Kosloff, Koun. Starr King, myself, and others have traversedfirst, iron; second, pintinum; third, carbon in different shapes. And Edison has failed, in my opinion. To show that I mean what I say, I deny every one of his allegations made at the Saratoga Convention of the American Society for the Advancement of Science, and, specifi-

cally, I challenge him;
First-To maintain a vacuum in his lamps. Second-To run his carbonized paper lamp three hours. (In practice, in a perfect vacuum,

it will last twenty minutes.) Third-To consolidate platinum by heating electrically in the Sprengel vacuum, as he claims.

machine develops not ninety, but even forty-five per cent, of the feet pounds applied to it. Fifth-To show that he can obtain a light of

twenty-five candles from platinum with less than three-horse power.
Sixth—To show that platinum or iridium will not disintegrate in twenty hours' actual run-

ning. Seventh-To prove that, with his carbonized-

paper lamp he can obtain two lights of ten can-dies each per horse power. Eighth—To show that the effect of the oxide f magnesium is to harden his wire, and make

it more refractory.

And I further allege that all Mr. Edison's statements are erroneous, and I offer \$100 as a prize for him to prove each of the above eight allegations. Let him run one of his lamps three hours, and the public will be satisfied that 78 WALKER STREET, NEW YORK, Dec. 21.

# SNUBBED BY GRANT.

Boiling Over with Rage.

PHILADELPHIA, Dec. 21.—Probably Mayor Stokley will not nominate Grant for a third term again. Politicians are boiling over with rage to-day at the manner in which they were the guest of the city. A banquet was given, the official city banquet, to the distinguished guest in St. George's Hall. All the Councilmen and their friends were there, and all went for a jolly time. They expected Grant to join them or at least make a speech. They were disappointed. least make a speech. They were disappointed. The terraphs and oysters were put out of the way in helf an hour, and Mayor Stokley began the speech-making. He would up by saxing. Gen. Grant desires me to say that he cannot remain long with us this evening. An old engagement with an old triend, a Saturday hight engagement which he is unwilling to forego, calls him away. This surprised everybody. Grant arose and said:

Grant arose and said:

dentemen. Lawe nothing more to say than to hid you all good night and to think you for the courie see that I have always received in this good eity of Philadelphia.

This was all. He then withdrew, and once out of the hall he was roundly cursed. It was remarked by several disgusted Councilmen that Grant had snubbed them and that he could not tear himself away from the snobs that have surrounded him here. The feeling to-day, is very strong against Grant and the Mayor himself is said to be greatly not out.

This morning Gen. Grant, unaccompanied by any member of his family, attended service at the Arch Street M. E. Chorch. The pastor, the Rev. H. W. Warren, D. D. peached from the text. First Timothy, xt. 8. I will, therefore, that men pray everywhere, lifting up holy hands without wrath and doubting. hands without wrath and doubting."

Wrangling Republicans.

TO THE EDITOR OF THE SUN-Sir: In THE

It is suggested in the letter of Mr. Frick that, it Mr. George Elisa desires to ascertain who the respectable people of the association are, he should pay them a visit. I hardly think that this would be a practicable test. A year and a new election was ordered by the Central Committee, to be under the supervision of Mr. Lawson and Mr. Masson. We on these gentlemen called in their representative case tay to succeive the election, as they had not a supervise the election. It is a supervised to the election of the electron of t

Total, 45 names ... \$64,120 Of the men included in this list, Amzi Smith, the capable superintendent of the Document Room, and Isaac Bassett were retained by di-

Of the men included in this list. Amzi Smith, the capable superintendent of the Document Room, and Isaac Bassett were retained by direction of the Democratic caucus. The appointment of the Persey Poore holds his phase by appointment of t with the Government on account of the firm to ation of a mineral water, claimed by the firm to be natural, and by outside parties to be an artificial water. A bill to amend the Revised Statutes in relation to the importation of mineral water is new penting before the Committee of Ways and Means. The firm for which Mr. Cyristic is Washington agent is interested in this bill.

Cyristic is Washington agent is interested in this bill.

A gentleman who is familiar with the duties and opportunities of the Assistant Doorkeeper of the Senate recently offered to give \$5,000 cash per annum for the place. He believed the salary and perquisites of the place to be worth nearly double that amount. Mr. Chrystic lives at a good hotel here, keeps a fine horse and buggy, and entertains freely. He is liberal in the disposition of choice champagne received from the New York importers for whom he is the reputed agent, and entire cases of the wine have been consumed in the lobbies and committee rooms of the Senate. The Democratic Senators whose names were on Mr. Chrystic's petition to be retained in his office are Messrs, Bayard, Thurman McDonald, Randolph, Garland, Maxey, Wallace, Hansom, Coke, Saulsbury, Gordon, Jones of Florida, Voorliees, Lamar, Eaton, Hill, Harris, Pendleton, Jonas Walker, Butler, Beck, McPherson, and Davis of Illinois. Mr. Voorhees since the caucus has withdrawn his name from Chrystic's petition. The Sergeant-at-Arms of the Senate desires Chrystic's removal. Chrystie's removal.

Pleuro-Pneumonia in Westchester.

Pleuro-pneumonia, which raged for several months among the herds of miles cows in Potnam County, has extended to Westebester County. Recently a row that had the disease was taken from Hog Hill, Vonkers, to the upper part of the city, and put into a pac-ture. It died, and soon afterward one of the cowe on the farm of David L. Austin showed symptoms of the disease, Inspector Wray was called to inspect the stees. Inspect the stees, the shows and also fixe others that had been accounted. The other the were sent to a justime six miles the source of the other than was developed there include distant to the disease was developed there includes where killed. H. B. Okell, a farmer, hying hear Youkers, had three cows killed at about the same time. Often partick's tingsectors visited the district and educts are being made to prevent the spread of the disease.

Courageous Fireman Mount.

A meeting was held in the rooms of Major and Pitteenth street, on Saturday, to take action toward and Patteenth strent, on Saturday, to take action toward a performance in one of the theatres for the beneath of the widow and six orphans of Firmian Benry t. Mount of Engine Company No. 8, who was killed during the perfermance of his staty at the hurring of the Englith Avenue Railroad statics, on the morning of Nov. 25 ass. The call for the meeting was agained by Mayor benjer, Thurlow Weed, John D. Lawson, F. A. Conking, and others. On motion of Engine Weed, Gen. Lload Asylithwall and Major Ulrich were elected a committee of arrangements, with power to add to their bunder, to complete the preliminary arrangements for the beliefit.

The hat finishers of Orange, N. J., numbering about 800, recently demanded an increase of twenty five cents per dozen on all hats finished in the "Orange Dis-trict," which is the largest hatting district in the United

Improving his Appetite. Near Chester Springs, Pa., a new field of labor has presented itself to Henry Beard, who was to search of means to improve his physical condition. His appe-

is was poor, and the vocation he has chosen to improve is the hunting of polecuts. Of these he has continued of skinned 105 the present season. He has often taken a to a single night, and has been able to eat a hearth coakfast in the normula. Court Calendar for Monday. 

A Great Lung Curative

BIRDS, BEASTS, AND FISHES.

Pig Lives 142 Days Without Food or Water-A Truly Wonderful Story. From the Dulich Tribute and Herald.

DEMOCRATS REEPING REPUBLICAN OF.
FICKHOLDERS IN PLACE.

Just Haw the Sergeant-at-Arms Contrived to Dector his Lists Still a Mystery-85,000 a Year is Cash Offered for an Offee.

Washington, Doc. 21.—Whatever may be said of the organization of the Senate by the Democrats, it cannot be said that they have made a clean sweep of Republican officeholders. It can be said, however, with perfect justice to all concerned, that the men who have been retained in office are in no wise better qualified for the duties they have to perform than hundreds of worthy Democrats who have applied for the places.

The following list shows the new appointees and those who were retained by the Democrats, he is marked D. It will be seen that there are as many Republicans as Democrats, and that the aggregate salaries are about the same:

\*\*Start\*\*

Office.\*\*

\*\*Start\*\*

Off

Incidents Descriptive of What Creatures that Act by Instinct will Sometimes do.

Act by Instinct will Sometimes do.

Prom the Portland (Me.) Transcript.

A first-rate cat story has come to our notice from an enterty authente source. The scene is laid if the village of Yarmouth. An aved gettleman and his housekeeper constitute the family, and their good of cat finds the lines are taken to her in pleasant places. Fail if y prayers are the rule each evening in this therefore the substitute of the source of the fail into the health of craft the restriction of the substitute of each of the substitute of the substitute of each of the substitute of the substitute of each of the substitute, and decorously continue between the substitute of each was bightly editing. At the final "Amen" she went trackly about her business. But in an evil day there came a kitten that was deeperd superfluous and sentence of death was passed upon it. The bead of the family undersook the execution of the sentence, and, unknown to him, the rat was a witness of the seene. From that day the cat refused to latent to the prayers of one who had so sheeked her sensibilities. Side initinity performs all other duties as before and calmon thow be induced to latent to the prayers of one who had so sheeked her sensibilities. Side initinity performs all other duties as before and accidancy pure for the family on all secular occasions, but seems to say: "Let my religious hours alone."

How Trout Hear Noises in the Water.

How Trout Hear Noises in the Water.

From the Forest and Stream.

Prof. E. D. Cope, a well-known naturalist, controverts Seth Green's allegation that trout cannot hear. The Professor says that there is a serve at the base of every scale on a trout. At the point where the scale is united with the skin. All these neeves, from the state of every scale, lend to a large granton strated on the server to the state of each scale, are formed to receive vibrations in water. An vibration in water each them errors, at the base of each scale, are formed to receive vibrations in water. An vibration in water reaching the scales of the find is thus communicated to the internal ear. It from were in a flume and one of the timbers that signorted the finder resident he running water on the ground, the vibrations of this timber, the supported the finder resident he running water on the ground would be earried by this timber, to the flume and to the water in it, four leet show. The ear of the sha would see nate and have cognitizance of the difference in the vibrations, as the human ear in the stream of the control of the state of the control o

A remarkable story is told by the captain of the back Kate Howe, which arrived presently incrune rem Laverpool. The Kate Howe was laden in theries ten during last Sovember with rotton for Liverpool. De Kate Howe was laden in theries ten during last Sovember with rotton for Liverpool. Just become acting a cat which between the heart was missed and the bessel sparted on its vessel, and intropool, when the eat crawled slowly forth, presenting a most whogenine and computed appearance. Passy had been midced in between two bales of cotten during the years of any and ball been unable to move or to obtain food or water during the whose time. The animal's head was flattened, and one of its less was twisted over its back, and although after a lew days of careful nursure it recovered its wonted ampetite, its former beauty, it is evered, its wonted appetite, its former beauty, it is up and angrily exclaimed; teared, has departed threver.

# A Copartnership in a Cat.

Shooting a Bear and Kicking a Panther, From the Whitehold Trace.

How to Catch Crows, Skunks, and Poxes.

From the Rod and Gas.

Here is a hit of evolution study. Our friend, Mr. A. W. hubbard of Marcel P. Q. is in a models. We do not wonder at his sour's perpeture. W. Hambard set his traps for foxes. He found them but of skunks, trigged only to market approximate of shams points he are excited the situation, removed the outswork prey, and set for frame for more. Then came a new entire. So the foregas, the transcanging shames in the set which the conduction of the control of the control of the set of the foregas, the transcanging shames new set for each the control of the foregas are could not entire the foregas the transcanding the heart that the traps were becaused to the set them for the birds, and—of course caught make!

Responsibility for the Acts of a Dog.

From the Rocky Semanto Break.

A butcher enters the office of a inwyer.

Son all the any damage that the animal may do?

"Octainly"

"Tion your dog has run away with a leg of motion from my seal, and I will trouble you for rep trains.

"Very well, by figure, have you five transachange?

"Yes sir." [Produces them]

"That just makes it square; my fee for advice is fifteen france.

A Parrot Scattering Bullrand Passengers.

From the Passeng Lander.

At the McHenry House, Mendville, there is a

parties memery House. Mendville, there is a partiet which is a source of great annoyance to train men. When it sees at least it aim control it will will at the top of its voice. Switch off, Switch off. The connectation is so distinct that it not interpolated large men that he rate is the control of the co

A Most Remarkable Ply Story, From the Pindscept Teleproch

Files have annoyed a restaurant keeperinthis
ty become endorance the determined to get rid of
hem. He closed his dearts and wandow, and laid a train
every the subjected to leave and wandow, and laid a train
every the subjected in large stips with me have
to pain of the sames between the strips with me hases.
I as nearly by about him all the life, in the consequent
to be well in finest train. The result when a result
is intained to fire the train. The result when accepting
eighted, was two lumbs three others of dear this

The Rev. Calvin Williams, a colored evange-

IN AND OUT OF WALL STREET.

The Zukunftamusik (music of the future) business appears to be pretty much played out in Wall street. A few weeks ago you could not speak to anybody without hearing some grandiloquent talk about the prospects of incalculable prosperity for the country, and, consequently, of an unprecedented boom in the stock market. To-day everything seems to be changed. The bears outnumber the bulls by a large majority; reports of the cutting of rates east of Chicago are published in several newspapers; the grain traffic on the truck lines is said to have almost entirely stopped, and some of the dividend-paying securities, highly recommended by W. H. Vanderbilt and his acolytes, are about ten points below their highest prices.

How has all this come to pass ? Nobody seems able to tell. Mr. Vanderbilt says he cannot understand anything.

"The railroad business," he says, "was never in better condition. The earnings of the Lake Shore alone show an increase of \$85,000 for the second week of December. The stories about D. O. Mills having sold out are all false. He has not sold a share. The break was evidently the work of Cammack, Henry N. Smith, Woerischoffer, and that crowd. They did it for the purpose of covering their old shorts. There is not the shade of a reason for anticipating lower Mr. Vanderbilt says that he could not do any-

thing to sustain the market, for he learned of the tumble only when the whole thing was over. This would be all very fine if people could believe all Mr. Vanderbilt says or is reported to say by his friends. The public have by this time learned the intrinsic value of the Great Untaxed's statements. Even his printed reports are not implicitly trusted, and the best proof of it is that both Lake Shore and Michigan Central began to go down the very day the official statement of the magnificent condition of those two companies was published. How does it happen, observant persons ask,

that while the business of the Lake Shore and the Michigan Central has so improved as to pay a semi-annual dividend of four per cent, and leave a surplus in the treasury, the New York Central, of which these two roads are actually but branches, does not show any improvement. and pays the same old two per cent. quarterly dividend, which it paid when the Lake Shore and the Michigan Central were barely able to cover their fixed charges? To this query men supposed to represent

Vanderbilt's interests reply:

1. That the law of the State of New York interferes with the payment of more than an 8

per cent, dividend.

2. That over \$800,000 has been spent upon various improvements, and several millions invested in the construction of the elevator and the creation of other terminal facilities on the

North River. When asked why all this is not made clear in an official way, and why construction accounts are charged to operating expenses, these gentlemen have no better answer to give than this: "Mr. Vanderbiit is not going to allow Tom. Dick, and Harry to put their noses where they

are not required. Any solid, bona fide stockholder can obtain all the information he wants by applying at headquarters. The foreigners who are going to take the 200,000 shares sold to the syndicate have recently had a report specially printed for them. They will get from it all they can possibly want to know. Mr. Van-derbilt does not choose to give away all the particulars of his management and his policy, and there is an end of it."

Meanwhile stocks, which are said to be worth much more than they are selling for, all go down, with Vanderbilt securities as leaders. The amount of money lost on the break by outsiders within the last four weeks is simply incalculable. One of the great pillars of the American turf, for instance, is said to have been looking for some colts. He thought it would be a good plan to make the money to buy them with in Wall street. He went into some highly recommended securities and closed out at a loss of over \$50,000. A celebrity of the medical profession was relieved of \$100,000, and as he is already over 60 years old, he has but little chance for recuperating in his legitimate avocation. Such instances are reported on all sides. Most of the professional speculators lost only the profits they had made on paper; but the outsiders parted with hard-earned savings, All of them, of course, are disgusted with Wall street, and the lack of further support on their part must considerably affect the prices for

some time to come.

Being desirous to ascertain all the pros and ket I conversed with several of the most pronounced bulls and bears. Their respective arguments, if put in juxtaposition, would engen-der choos in any head not specially constructed for Wall street purposes. One of the most stub-born bears I have lately come across is old J. Rubino. After an hour's conversation, in which I attempted to impress him with the buil arguments obtained in other quarters, he jumped

Do you know what the banker Solomon Heine said to Heinrich Heine when the latter brought him a book he had just dedicated to the old uncle?"
"No, I don't."

"He said that if Heinrich had any ability at all in him he would not be writing books. The same thing applies to you. If you had any financial understanding you would be making money and not writing articles." It was not very complimentary, but I am afraid

it was true. The boom in the new mining stocks continues unabated. The immense Boreel building is so prowded with the offices of mining companies that many applicants for accommodations have had to seek them elsewhere. The great soreerers of the Cotorado and New Mexico mining world-Chaffee, Dorsey, Jones, Bailey-display, day and night, a feverish activity. They handle -each of them-several millions' worth of mining securities, and think nothing of a monthly trip to regions where there is nothing to gat, no shelter to sleep under, and no roads to travel on. The three last named enterprising spirits left last week for this kind of an expedition promising to be back at their desks by the first of next month. Ricono.

The "Improvement of Eleventh Avenue" was discussed before the West Sale Association at 64 West 24th at Mr. Edward Clark a property owner on the west side, read a paper. He thought that much of the unmarroved land on the boulevards might be at once built upon if the owners could meet each other and sgree upon a plan. "The several owners of a block, for instance," said the speaker, " might agree to in London.
In the discussion that followed a member described the part of building in the Rue Rivelli, Paris, in which the counts about upon a general passage way, and urged its displant here. This met with but little favor, the being reserved by revealing that we had a much better system of unding in this country.

Two Missing Children.

brother George, who is 10, were put on the Harmord bout at Middletown, Conn., on Friday evening, by their nunt,

from Philadelphia, who recently came to this city on a visit to his brother in-law, Mr. D. H. Bates, Superintendent of the Atlantic and Pacific Telegraph Company, has been reported to the potice as missing. He has been subject to temporary fits of ineutal observations were be was thrown from a wagen some years are. Our free-lay be was strong the state of the fits of t MARINE INTELLIGENCE.

Arrived-Suspar, Dec. 21.

Ba Mikado, McRitchio, Giarraw Dec. 5.
Sa Alvera, Hawthorie, New Pricana.
S. E. C. Kintht, Chichetter, Georgelown, D. C.
Sa City of Minitral, Condron, Liverpool Dec. 8, and
Queenstown 10th
Battlesapeake, Williams, Portland.
Sa Giancus, Boarse, Boston,
Sa Wyanoke, Conch., Richmond, City Point, and Nortolk.

Ch. Bristol, Manson, Hamburg, Bark Heistol, Manson, Hamburg, Bark John H. Penrson, Taylor, Caen, Rark Matthew Haird, Perine, Cardenaa Brik Natir, Erickwin, Giones etc., Bark Don Quixote, Clinver, Hamburg, Bark Livelnette, Niciaen, Launton, Bark Livelnette, Niciaen, Launton, Bark Livelnette, Sansen, Shorenam, Hriz Garoet, Kaslen, S. Pierre, Mark Brig Bristog Star, Griffine, Mayagues, Brig Bising Star, Griffine, Mayagues

ARRIVAD OUT.

QUESTATOWS. Dec. 21.—St. City of Brussels, from New York, on her way to Liverpool.

HAVES, Dec. 21.—St. Lubridor, from New York. BAILED FROM FOREIGN PORTS. HAVEN, Dec. 21 +8s Westphalia, for New York.

Business Plotices.

To the Ruptured. Dr. J. A. SHERMAN and the only Dr. Sheroma known to the nutule for the east 30 years, may be consulted at it's N. Y. offer. 25 Breadway, corner of Murray st. on Saturdays, Mondays, and Teesdays, Those who deelers a permanent core for this distressing allment should lose no time in consulting him.

Rupture radically enced by Br. Marsh' treatment, 40 years prantical experience, office, 2 ve-sey st. Astor House, opposite St. Paul's Church. No up-town branch. Brummell sells a 5-pound box of fine mixed andies for \$1. 410 Grand sta \$17 Broadway, 200 8th av.

Biair's Pills-Great English Gout and Rheumatic Remedy, Oval box \$1; round 500 Sold at druggists Winchester's Hypophosphites
Willeare Consumption Couchs, Remobility, Ac

MARRIED. DE LA VERGNE-CHILD.—On Dec. 16, by the Rev. C. Tiffany of New York, Cornhelle B. de la Vergne, It. of New York, to Minnie Bichardson Child of Holoken N. J. Child Control of New York, It. Ministry of Canada, The State of New York, C. Dieks in of Canada, The brid

weed of Lordon, Eng. HODOR-GAINE SIN -In Brooklyn, Dec. 18, at the revolute of Charles Gamebin, by the Rev. I. W. Ban-trott, D. D., George E. Hodge to Augusta Emilie Gaz-LAWRENCE-TAPP - On Wednesday, Dec. 10 at the LAWRINGE—TAPP—On Wednesday, Dec. 10, at the readence of the bridges margins, by the Rev. E.P. Increaded, D. D., Fredurick W. Lawrence to Hangah, daugh for of Edward W. Then all of Brooklyn.

TUSKERMAN—FARGIS—On Wednesday, Dec. 10, by the Rev. Henry Mottly sector of the Chirch of the Hely Constitution. Afred Turkerman to Glara Lenter, daugh ter of Amedea C. Faris.

VERNON—RIAKENEY.—On Dec. 18, at 5 erleace, at the Methidist narrounce, Porthesser, by the Rev. W. T. Pray. Les Vernon to Links J. Blakeney, all of Portchester N. E.

VILAS—RAKER.—As Cleveland, Dec. 10, Miss Lettle J. Beker, daughter of Mr. fiscare A. Buker, in Mr. Malcomb G. Vilas, son of Mr. George H. Vilas of the Standard Oct. Onemans. The Inches ware foresied status at train, with tripming of photoid lare. Her veil was caused hack by or parce hierarchia, a large knot of Which was fastened low on her coreage.

DIED. FOWLER. - At Utica, Dec. 10, the Rev. Dr. Philemon II. Fowler aced Givers
HULL-At Laucaster, Pa. Dec. 19, Mrs. Mary Holl,
aged 77 years
JONES -Suddenly, at Greenpoint Dec. 29, Benjamin JONES —Siddenly, at Greenpoint Dec. 29, Benjamin Jones area 48 years.

Relatives and friends and members of Goldan Circle. Lodge, No. 104. I. O. T., and sater induce, are resectfully divined to attend the funeral from his late resulting corner of Frankho and Calyer 18t, on Thesiay, Dec. 24, at 1,30 of close P. M.

LITTLE —At Abiers, Africa, Nov. 28. Harriet Marr, Mile of William Little, and daughts to the late Joseph and Harriet Diuseonis Clary.

Relatives and Frends are respectfully invited to attend the funeral sevices as Trings Church, on Wednesday, Dec. 24, at 11 A. M. Interment in Duascomb family years. want. Tenny Charch.

ROBENS—In Sandar, Dec. 21, Mary E., whlow of
Huise Ragers in the 72) were of her are.

Friends and relative are invited to attend the functal
on Towalay evening. Dec. 22, on 7.20 of the K. from her
out readshope. 30 Friend mans. Benefiting N. X. Burgel
at Weedbury, L. L. on Wednesday morning. Please unit

Special Motices.

HOSPITAL SATURDAY AND SUNDAY,

DECEMBER 27 AND 28,
1879.
METHODS OF CONTRIDCTING
Through the collections at the CHI BCHES on Sunday, Through the COLLECTION BOXYS which will be found at the HOTELS TRIBLES, RAILBOAR DEPOTS, and other PUBLIC PLACES on Satisface the 27th cost. By checks or motion sent of the Collecting Hotels (General Treasurer, 20 Sessan st. Or to the following evolutions, who have consented to act as Treasurer for this purpose of the respective association. Or to the following goodsomen, who have conclude assoclas Transurers for this purpose of the respective assodations they represent the purpose of the respective assoA CABEMY OF MUSIC,
A CABEMY OF THE OPERA.
To mirth, Manday, Dec. 22 by general desire).
To mirth, Manday, Dec. 22 by general desire). OHN H EARLE, 136 Pearl St., for New York Coston Establish HINCKEN, 3 William st., for New York d J. Service of their cities for any martien.

Service of Will be divided inder an equation not associate which was the divided inder an equation not associate which are associated by the service of th

GEO. S BAKER, Secretary.

KEEP'S SHIRTS,
GLOVES, I'MARKELAS (NDERWEAR, Ac. Ac.

SIX REST CUSTOM SHIRTS in measure, from best
Wennested marked and these trials flow, fit every deal,
for \$0 and shirts to the angle of the state of \$0 and \$0

With from the table of \$2 to year best 1 does 1 for a Prince of the table of \$3 to the black. The table of \$2 to the black. The table of \$2 to the black of the table of tabl

BRILUMATISM, NEURALGIA, COLDS, AND SORE THROAT disappear after using

Signification that there at LITTLE HAVANA EXTRAORDINARY 

BENNES PAINSHLLING MAGIC OIL.

IMPORTANT NOTICE - National Tea Burk. broad DE Water St. science Dide St. St. 1997 and St. St. St. 1997 and St. 1997 and St. St. 1997 and St. St. 1997 and St. 1

RYE WHISKEY AND ROCK CANDY.

The Planese House \$1 per hout \$5 per gallon, if B RIRS \$ 60 | 17 February 10 TO House are TWEN-FY-SIX VI. ARS IN FULL CON ST LABIDS, ATTENTION,
La Favorité is tre les comments de la comment de la comment de la commentation de la comm

Amngements. CHRISTMAS OFFERING TO THE NATION. ACADEMY OF MUSIC. CHRISTMAS NIGHT, DEC. 25, 1879, FIRST PERFORMANCE OF

COLUMBIA.
COLUMBIA.
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COLUMBIA.
POUNDED ON THE HISTORY OF AMERICA.
BY P' X DILMORE
The most gifted and roundar of American sopranos. MISS EMMA

will size the solo part in "COLUMIA"

A power of Chorus and Grand Orchesta will assist.

Preceding the local Grand Orchesta will assist.

WHATCHENNON'S SULLIVAN

WHI GENERAL STEEL AND ENHOPP

WILLIAM TO COLUMBA:

The entire net broaceds will be equally divided between
the St. John's failth and St. Vincent de Paul screttes.

Admission, Scents, reserved wests, 50 cents extra.

B was each warfs, which includes admission.

For sale at the Acidens, music stores, and liotels.

NIBLO'S GARDEN.-CHRISTMAS HOLIDAYS.

SECOND WEEK of George Clarke's en-EARTS

Itrely new pictorial Irish drains of Sacis, with
many striking thiseing

of SHEARTS OF STEEL.

Having the advantages of MAGNIFICENT
SHEARTS, agreed company, superb costumes
and arinor, rich binniers, a ground chierus to
strike the sweetest of the dedictions neededles of
ficin, a large corps or popular SPECHALTY ARTISTS, becither with a stud of beautiful trained
horses. It equals HENRY V. in grandeur!

MATINEES WEDNESDAY, OHRISTMAS, AND SATUR-

PRIDAY EVENING BRITTS. Too Pall of Tarquin.

AATURGAY MATINES.—HONEYMOON.

\*ATURGAY MIGHT—LONEYMOON.

This will be the out week of Legitimate Tragedy (by a male star) presented this season.

EXTLUDED TO SERVING BRITTS.

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NEW YORK CIRCUS,
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Special matures over day and a GORDIFICAL SULL FOR CHRISTMAN QUITE PROPERTY PROPERTY 25 and Special ministers reserved 25 cents extra. STANDARD THEATRE, Brondway and 330 at

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EXTRA MATINEE CHRISTMAS at 2 P. M.

ABBEY'S PARK THEATRE.

MONDAY EYENING DECOMPANY
10 BARTLEY CAMPRELL'S lawst success,
YARRAY SPECIAL SAME STORY

Miss LETHIA L. FRITSCH ...... Soprano. WEDNESDAY MOSEFFY CONCERTS.
WEDNESDAY Doe 24 Manues at 2:30 c'clock.
FAIDAY Dec 26 Evening.
SATURDAY. Matthew at 2:30 o'clock.

To mirth Namari, hee 22 the control desire).
La Sinn, Mbi La Amina, Mie Marie Marimon,
Toeslay, De 22-last fine verific a IIA.
Wight way, Dec 22-last fine verific a IIA.
Wight way, Dec 24-last fine verific a IIA.
Mile Marin Marimon, II. FLAUTO WAGIGO, and last
althermore of the Valle Marimon,
Saturday, Inc. 27-last Marimon,
Saturday, Inc. 27-last Marimon, ALST.
December 27-20. configuraces at S. Office open 9 till 5.

HAVE RELAY AND THE A TERM, COLUMN A ASSESSED THE A TERM, COLUMN A ASSESSED OF ME BARTLEY AND THE ACTION OF THE ANALYSIS ASSESSED OF ME BARTLEY AND THE ALLEY MAY BE AND THE ALLEY ME ALLEY BARTLEY AND THE ALLEY ME AND THE ALLEY BARTLEY AND THE ALLEY BARTLEY BARTLEY AND THE ALLEY BARTLEY BARTLEY

THE TATES TO MIQUE, 514 RECORDARY TO A STATE OF THE STANDARD OF THE THE STANDARD O

OUR NEW ENGINE OF THE GARBAGE and 29th st.
Sents secured. Nations Christmas Day.

GRAND EXTRA MATINEE ON CHRISTMAS DAT. KOSTER & BULLS CONCERT HALL,

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LORDON BUILD COMBINED WEEK

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THE GREATENT PAIN RELIEVER IN BUILD SHOW SHOW THE Date of the state of

POPULAR PRICES ALWAYS -Admission, 50 cents. Reserved wats 50 cents, or 25 cents extra. Family firele 35 cents.

BOOL WA E SIN CHRISTMAN HOLIDAY WEEK THE ONLY WEEK OF LECTIMATE TRAGEDY. THE ONLY WEEK OF LECTIMATE TRAGEDY. THEE MATHNESS WILDS DAY and SATURDAY THEE MATHNESS WILDS TRAGEDIAN. MR JOHN ME ULLDOUGH.

MONDAY EXCHANGE OF HELDO WEDNESDAY WANTINGE DAMON AND PYTHIAS. THE STAY EVENING OF HELDO WEDNESDAY WANTINGE DAMON AND PYTHIAS. THURSDAY EVENING OF HELDO WEDNESDAY MATHNESS DAMON AND PYTHIAS. THURSDAY WEDNESDAY MIGHT—MCHARD III. Thursday Christmas, THE GLADIATOR.

GREAT HOLIDAY REOPENING TO NIGHT!
The first telender company in America, and the grand statistic interest presented to a Metropolitan audience HOBERT BUILER'S WORLD FAMOUS HOMEST PANTOMINE TROUPE FOR THE HOLIDAYS.

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Evere Evening, and Seturday Matines at 130, Gilband Clay's new commonser.
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ARREY'S PARK THEATRE.

CHICKERING HALL. THIS MONDAY EVENING, DEC. 22, AT 8 O'CLOCK

Admission \$1; sests, \$1.50, now at Chickering Hall and Schulerth's, 23 Union square.

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W ADMIAN AND THE SPAY RESULTING THE SWEEK WEEK WITCHES OF BUILDING STREET STREET BROOKLY, W. VILMY OF BESIC

PI. VASSE 58 West 1 of Linearies Founds glared trades

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